Number Theory Assignments

1.1) 1, 2, 3, 4, 5, 7, 10, 11, 21, 28

-- End Assignment 1: Due Monday January 22nd (Revisions due January 29th) --

1.2) 1, 5, 8, 12, 19, 25, 27
1.3) 2, 3, 17
1.4) 18, 19, 32, find the largest Fibonacci number less than 1,000,000

-- End Assignment 2: Due Monday January 29th (Revisions due February 5th) --

1.5) 1, 5, 10, 18, 20
2.1) 1, 3, 10
2.2) 1, 3, 5, 9, 22
2.3) 1, 2, 3, 4, 6, 9, 11, 15, 20, multiply two numbers of your choice using Karatsuba's method.

-- End Assignment 3: Due Monday February 5th (Revisions due February 12th) --

3.1) 1, 5, 13, 31, find the 1,000,000th prime number.
3.2) 2, 6, 14
3.3) 3, 4, 5, 6, 7, 17, 24
3.4) 1a, 2a, 3a, 4a, 19

-- End Assignment 4: Due Monday February 12th (Revisions due February 19th) --

3.5) 1a, 3, 6, 14$_{decimalPart}$
3.6) 3ab, 15, 23
3.7) 1a, 1b, 11a

-- End Assignment 5: Due Monday February 19th (Revisions due February 26th) --

4.1) 1d, 5, 12

-- End Assignment 6: Due Monday February 26th (Revisions due March 5th) --

4.2) 1abc, 3, 8ab, 12, 15
4.3) 4, 13, 15

-- End Assignment 6b: Due Monday March 5th (Revisions due March 12th) --

4.4) 1, 7, 11
4.5) 1c, 3, 7b, 10b

-- End Assignment 7 –

4.6) 1ac, 2d, 3
6.1) 1, 9, 12, 17

-- End Assignment 8 –

6.2) 1, 4, 12, 20
6.3) 1a, 2, 7, 10
7.1) 1aceg, 2e

-- End Assignment 9 (Due April 9th) –

7.2) 1af, 7, 12
7.3) 3a, 5, 9
8.1) 1, 3, 10
8.2) 1, 5, 13, 34
8.3) 1, 2, 5

-- End Assignment 10 (Due April 23rd) –